



National Science Foundation

Intergovernmental Personnel Act Vacancy

OFFICE OF THE DIRECTOR OFFICE OF POLAR PROGRAMS ARLINGTON, VA 22230

ANNOUNCEMENT NUMBER: E20020024-IPA OPEN: 11/13/2001 CLOSE: UNTIL FILLED

Individuals wishing to apply for a permanent position see vacancy announcement number E20020010.

The National Science Foundation (NSF) is seeking qualified candidates for the position of an Aeronomer, Astrophysicist or Astronomer (Program Manager/South Pole Science Manager) for Antarctic Science Section, Aeronomy and Astrophysics Program, Office of Polar Programs (OPP), Office of the Director.

This position is located in the Antarctic Science Section of the Office of Polar Programs, National Science Foundation. The Office of Polar Programs (OPP) is the designated single point manager of the United States Antarctic Program. The Antarctic Science Section supports research in all areas of science in Antarctica and works in close collaboration with the OPP Polar Research Support Section, other U.S. agencies, and national programs in other countries in supporting forefront research in Antarctica. The Aeronomy and Astrophysics Program supports research in atmospheric chemistry and physics, space weather, astrophysics and astronomy in situations where Antarctica offers special opportunities for scientific breakthroughs or increased understanding of global problems.

Initial assignments under the IPA mechanism may be made for a period of one to two years, and may be extended for a third year. Individuals eligible for an IPA assignment include employees of State and local government agencies, institutions of higher education, Indian tribal governments, federally funded research and development centers and qualified non-profit organizations involved in public management in instances where such assignments would be of mutual benefit to the organizations involved. The individual remains an employee of the home institution and cost-sharing arrangements are generally negotiated between NSF and the home institution. Annual salary ranges from \$74,697 to \$116,414.

STATEMENT OF DUTIES: The incumbent manages a program that provides about \$7.0 million annually in direct support of scientific research and also serves as the South Pole Science Manager, helping to ensure that research projects sited at South Pole Station are carried out successfully.

- Plans, develops and manages Aeronomy and Astrophysics research programs in the Antarctic, working with U.S. institutions and scientists, as well as those in other nations.
- Recommends award of funds for research after appropriate project review and regard for program balance. Maintains a continuing review of supported projects. Is responsible for selection of peer reviewers.
- Oversees NSF-funded Antarctic science programs in a broad range of Aeronomy and Astrophysics sub-disciplines, including the development by grantees of specialized instrumentation prior to its movement to Antarctic. Works with his/her counterpart in the Polar Research Support Section to assure appropriate integration of instrumentation with Antarctic infrastructure.

- Evaluates the utilization of scientific and logistical resources for Antarctic A&A research. Functions as an agent for change when improvement, innovation, or redirection of activity is warranted. Convenes external oversight and management reviews as necessary.
- Serves as South Pole Science Manager (SPSM), working with on-site scientists and stateside principal investigators to prioritize science support needs and allocates resources to meet them. Tracks and oversees cost/schedule performance on all areas of science at South Pole Station.

QUALIFICATIONS REQUIRED: Applicants must have a Ph.D. or equivalent experience in aeronomy, astrophysics or related discipline, plus six or more years of successful research, research administration, and/or managerial experience pertinent to the position.

HOW TO APPLY: Individuals interested in an IPA assignment should submit a curriculum vitae or resume, publication list, and a letter referencing qualifications choice to the National Science Foundation, Division of Human Resource Management, 4201 Wilson Boulevard, Arlington, VA 22230, Attn: E20020024-IPA. In addition you are asked to complete and submit the attached Applicant Survey form. Submission of this form is voluntary and will not affect your application for employment. The information is used for statistical purposes only. Telephone inquiries may be referred to Maria Sutton at (703) 292-4364. Hearing impaired individuals may call TDD (703) 292-8044. Announcements may be accessed electronically on the World Wide Web at: <http://www.nsf.gov/oirm/>.

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